

REMARKS

Claims 1 - 13 are pending in this application. In the instant non-Final Office Action dated December 1, 2004, Claims 1-3, and 5-13 were rejected. However, the Office Action only objected to Claim 4 because this dependent claim included allowable subject matter.

In response to the rejections raised in this Office Action, Claims 1, 5 and 10 were amended, and Claims 3 and 4 were cancelled.

35 U.S.C. § 112

In regard to Claim 4, the non-Final Office Action objected to this claim as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

In response, all of the independent claims (1, 5 and 10) have been amended to include the allowable subject matter of Claim 4 and Claim 3 upon which it depends.

35 U.S.C. § 112

The non-Final Office Action has rejected Claims 1-3 and 5 - 13 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to point out and distinctly claim the subject matter which applicant regards as the invention.

In regard to Claims 1-3, and 11, the Office Action noted that these claims were incomplete because the elements of a level shifter and an integrator need to be included in the claims to fill a gap.

In regard to Claims 5-9, and 12 the Office Action observed that these claims were incomplete because the steps of level shifting and integrating need to be included in the claims to fill a gap.

In regard to Claims 10 and 13, the Office Action stated that these claims were incomplete because the elements of level shifters and integrators need to be included in the claims to fill a gap.

Although applicant thoroughly disagrees with the Office Action's assertions regarding the indefiniteness of Claims 1-3 and 5-13, these rejections are now moot in view of the new amendments to independent Claims 1, 5, and 10.

35 U.S.C. § 102

The non-Final Office Action has rejected Claims 1-2, 5-8, and 10-13 under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,486,695 (Nakagawara). The non-final Office Action found that the cited reference disclosed all of the elements recited in independent Claims 1, 5, and 10. The non-final Office Action also found that Nakagawara disclosed the recited limitations of Claims 2, 6-8, and 11-13.

However, since independent Claims 1, 5, and 10 have been amended to include the subject matter that the non-Final Office Action has admitted to be allowable, these amended claims and all of their dependent claims are now in condition for allowance.

Therefore, in view of the above amendment and remarks, the pending application and all of its claims are now in condition for allowance.

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Respectfully submitted,

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